LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016826.D
Acq On : 21 Sep 2018 11:30
Operator : SJ/JU
Sample : J5012-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	3	5	11	rVB	2248160	2425943	1.22%	0.231%
2	5.099	348	359	361	rBV4	50628105	123624698	62.33%	11.778%
3	6.422	577	584	592	rVB	745989	1209404	0.61%	0.115%
4	6.646	612	622	628	rBV	117042	206487	0.10%	0.020%
5	6.716	628	634	643	rVV	150285	260429	0.13%	0.025%
6	6.893	657	664	673	rVB	271759	476910	0.24%	0.045%
7	7.075	685	695	706	rBV	799393	1626230	0.82%	0.155%
8	7.263	718	727	740	rVB	963080	1764360	0.89%	0.168%
9	7.646	778	792	802	rBV2	47364155	147811057	74.53%	14.082%
10	7.793	802	817	820	rBV3	53356764	160845120	81.10%	15.324%
11	8.128	858	874	877	rBV4	53468719	198324550	100.00%	18.894%
12	8.428	919	925	933	rVB	813605	1277235	0.64%	0.122%
13	8.881	994	1002	1005	rBV	1259553	2132406	1.08%	0.203%
14	8.922	1005	1009	1016	rVB	2060915	3220438	1.62%	0.307%
15	9.210	1051	1058	1069	rBV	1309013	2082314	1.05%	0.198%
16	9.440	1090	1097	1100	rBV	198349	337011	0.17%	0.032%
17	9.481	1100	1104	1106	rVV	198674	312831	0.16%	0.030%
18	9.522	1106	1111	1117	rVV	827158	1473644	0.74%	0.140%
19	9.592	1117	1123	1131	rVV	956956	1792487	0.90%	0.171%
20	10.128	1207	1214	1222	rBV	1452155	2526495	1.27%	0.241%
21	10.416	1247	1263	1268	rBV5	57740762	198268083	99.97%	18.889%
22	10.522	1274	1281	1287	rBV	1584930	2365217	1.19%	0.225%
23	10.916	1335	1348	1354	rBV	47882486	108577040	54.75%	10.344%
24	11.104	1372	1380	1388	rBV	3400281	5449637	2.75%	0.519%
25	11.316	1407	1416	1424	rVB	813288	1408021	0.71%	0.134%
26	11.792	1487	1497	1508	rBV5	234724	520079	0.26%	0.050%
27	12.498	1609	1617	1619	rBV4	436457	961372	0.48%	0.092%
28	12.533	1619	1623	1631	rVB	2896300	4660108	2.35%	0.444%
29	12.763	1656	1662	1674	rVB3	114995	289764	0.15%	0.028%
30	12.928	1685	1690	1695	rBV	145371	221775	0.11%	0.021%
31	13.151	1720	1728	1736	rBV	10943629	16921733	8.53%	1.612%
32	13.745	1822	1829	1830	rBV	636321	899911	0.45%	0.086%
33	13.775	1830	1834	1838	rVV	2700449	3834260	1.93%	0.365%
34	13.816	1838	1841	1847	rVB	178994	253794	0.13%	0.024%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016826.D
Acq On : 21 Sep 2018 11:30
Operator : SJ/JU
Sample : J5012-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

35	14.051	1874	1881	1890	rVB	3247615	4569478	2.30%	0.435%
36	14.357	1927	1933	1945	rVB2	1933443	3095528	1.56%	0.295%
37	14.551	1962	1966	1977	rVB2	256183	419309	0.21%	0.040%
38	14.674	1982	1987	1992	rVB	153085	212784	0.11%	0.020%
39	14.845	2010	2016	2021	rBV	199071	309328	0.16%	0.029%
40	15.357	2096	2103	2115	rVB	4140175	6136002	3.09%	0.585%
41	15.469	2116	2122	2131	rBV	1083329	1519210	0.77%	0.145%
42	17.104	2394	2400	2407	rBV2	2431632	3442781	1.74%	0.328%
43	17.204	2410	2417	2430	rBV	4450105	6190025	3.12%	0.590%
44	17.727	2501	2506	2513	rVB	166367	225368	0.11%	0.021%
45	18.480	2629	2634	2642	rVB	939263	1256802	0.63%	0.120%
46	19.504	2801	2808	2815	rBV	5334226	7364516	3.71%	0.702%
47	21.292	3107	3112	3118	rBV	3525476	4267768	2.15%	0.407%
48	23.386	3461	3468	3475	rBV	4205386	7851877	3.96%	0.748%
49	23.527	3486	3492	3505	rVB2	2338807	4427440	2.23%	0.422%

Sum of corrected areas: 1049649059

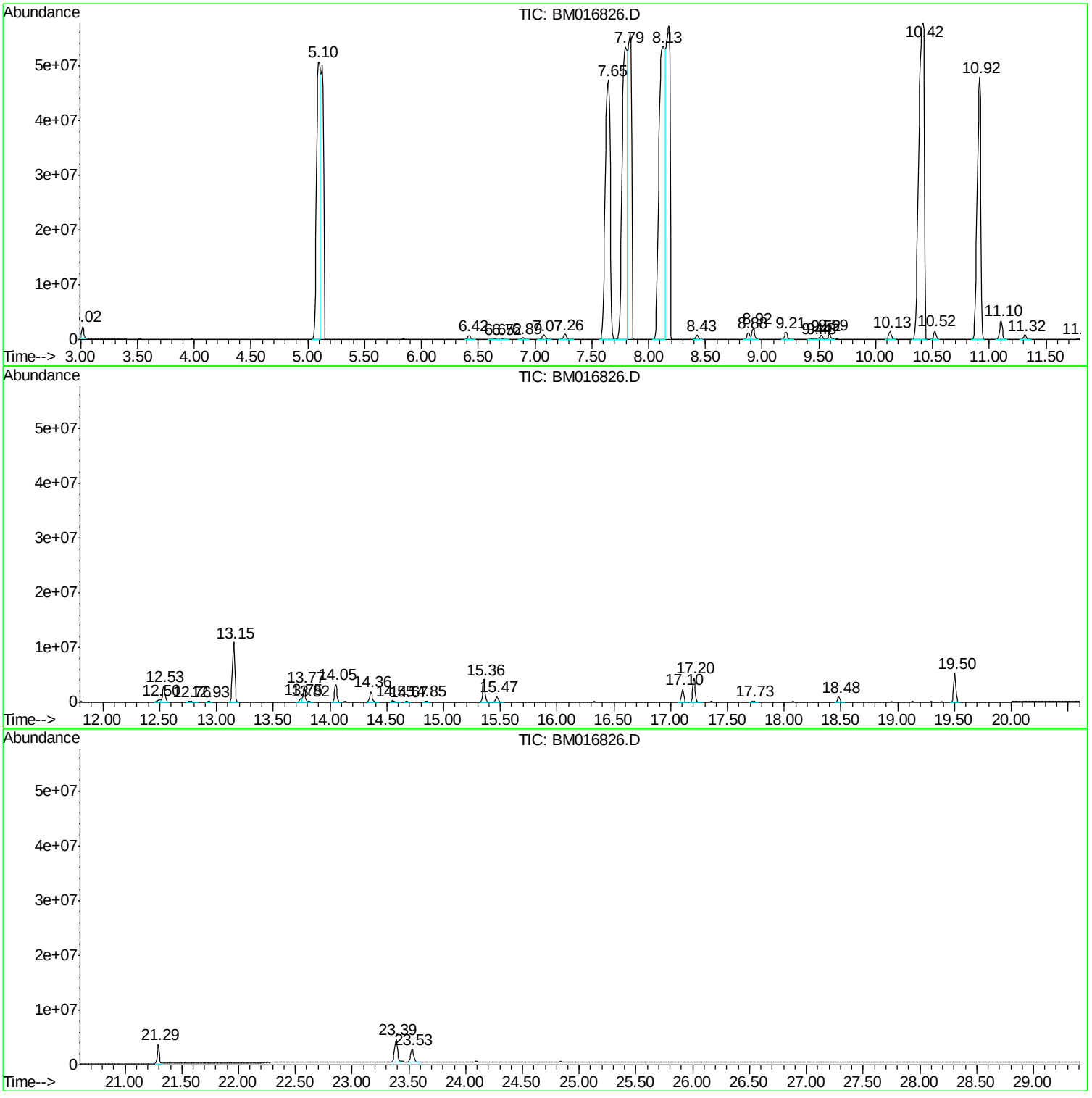
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016826.D
Acq On : 21 Sep 2018 11:30
Operator : SJ/JU
Sample : J5012-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016826.D
Acq On : 21 Sep 2018 11:30
Operator : SJ/JU
Sample : J5012-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

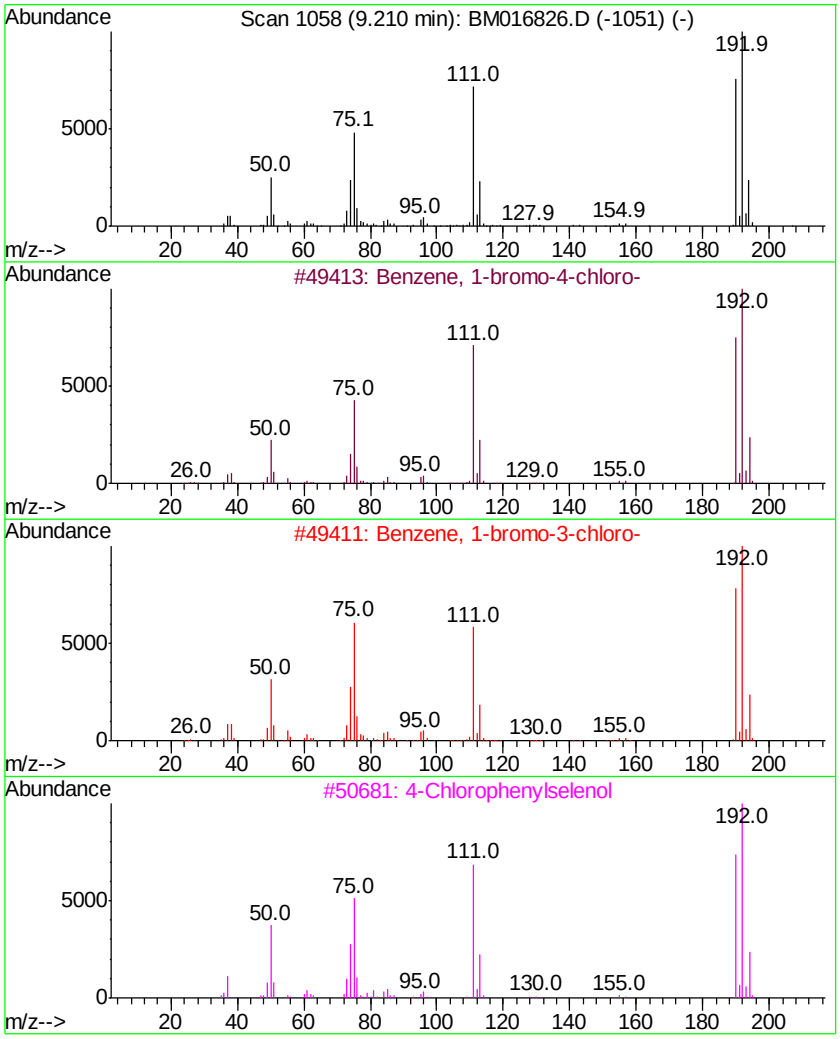
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

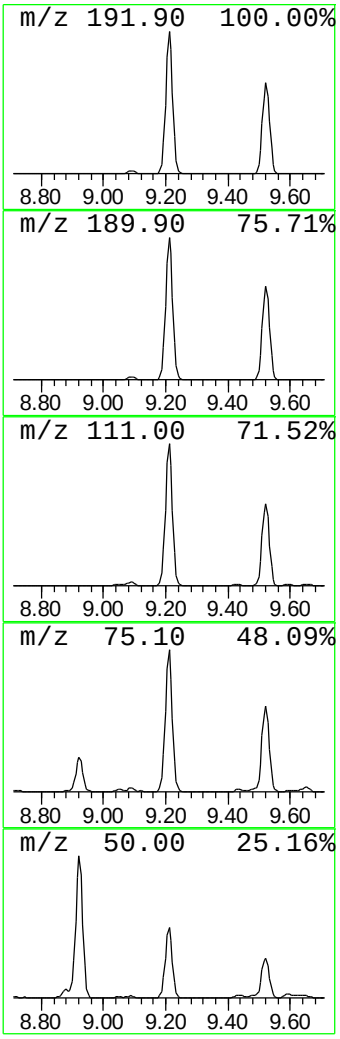
****

Peak Number 4 Benzene, 1-bromo-4-chloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.21	17.61 ng/ul	2082310	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
2	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	98
3	4-Chlorophenylselenol	192	C6H5ClSe	016645-10-6	97
4	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	95
5	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016826.D
Acq On : 21 Sep 2018 11:30
Operator : SJ/JU
Sample : J5012-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

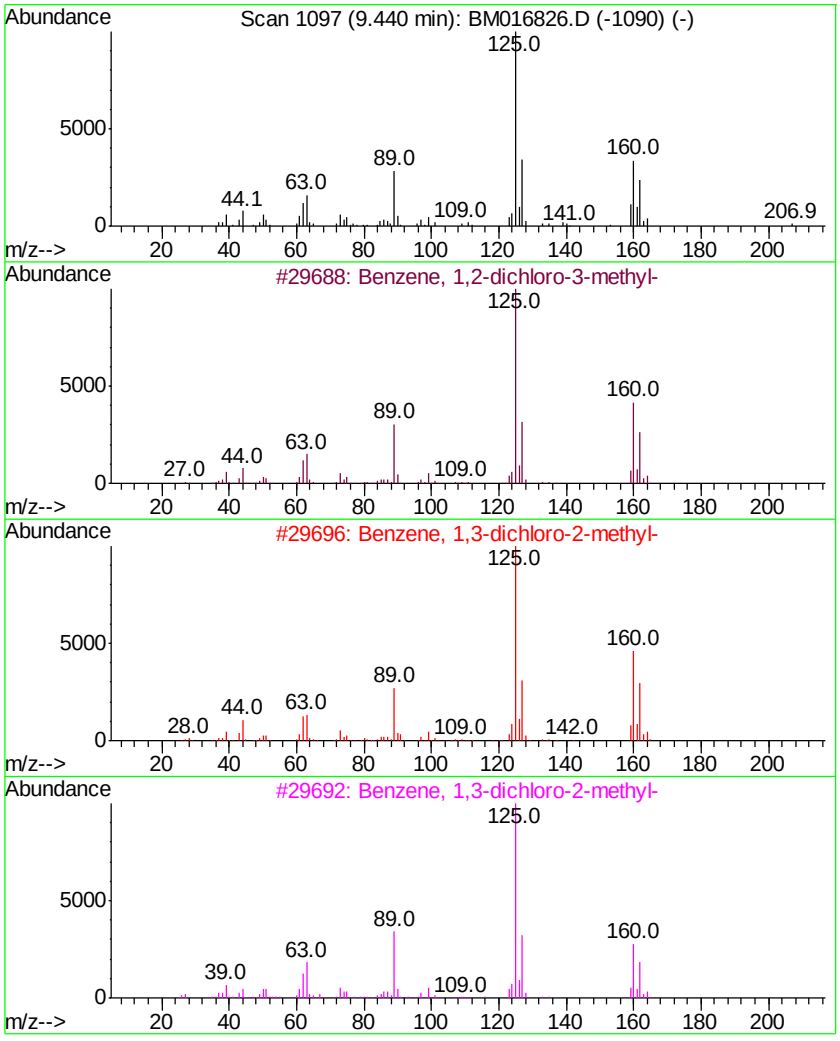
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

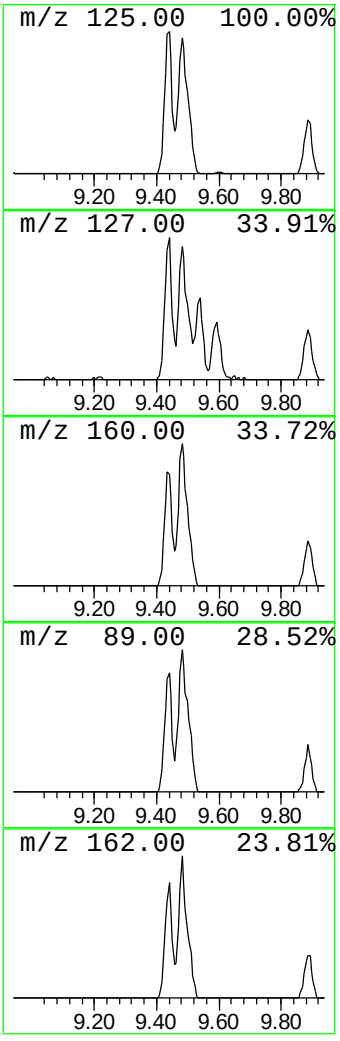
****

Peak Number 5 Benzene, 1,2-dichloro-3-met... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	2.85 ng/ul	337011	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-dichloro-3-methyl-	160	C7H6Cl2	032768-54-0	98
2	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	97
3	Benzene, 1,3-dichloro-2-methyl-	160	C7H6Cl2	000118-69-4	96
4	Benzene, 2,4-dichloro-1-methyl-	160	C7H6Cl2	000095-73-8	96
5	Benzene, 1,4-dichloro-2-methyl-	160	C7H6Cl2	019398-61-9	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016826.D
Acq On : 21 Sep 2018 11:30
Operator : SJ/JU
Sample : J5012-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

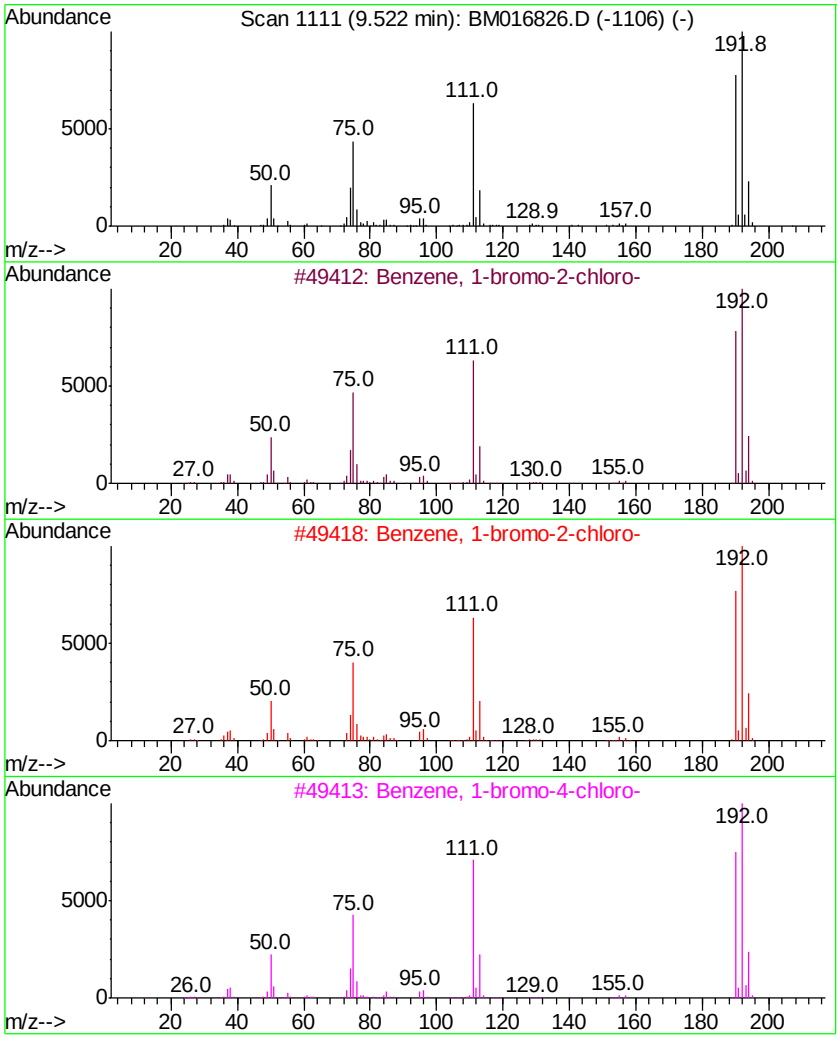
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

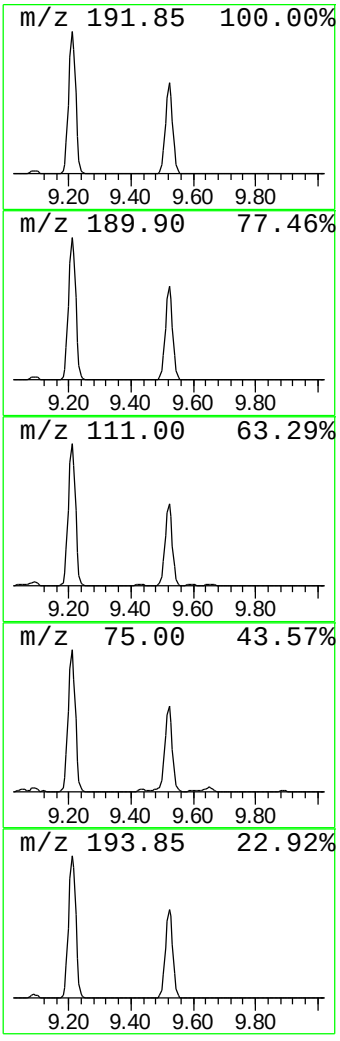
****

Peak Number 7 Benzene, 1-bromo-2-chloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	12.46 ng/ul	1473640	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
2	Benzene, 1-bromo-2-chloro-	190	C6H4BrCl	000694-80-4	98
3	Benzene, 1-bromo-4-chloro-	190	C6H4BrCl	000106-39-8	98
4	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	97
5	Benzene, 1-bromo-3-chloro-	190	C6H4BrCl	000108-37-2	96





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016826.D
Acq On : 21 Sep 2018 11:30
Operator : SJ/JU
Sample : J5012-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

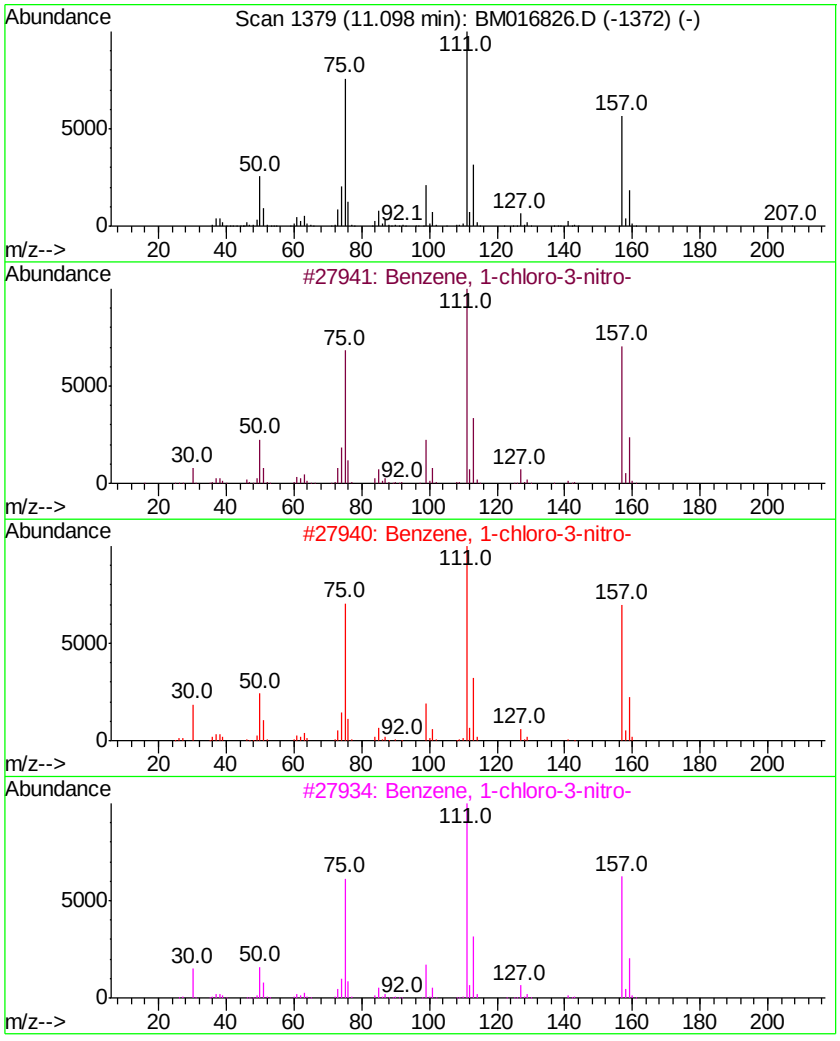
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

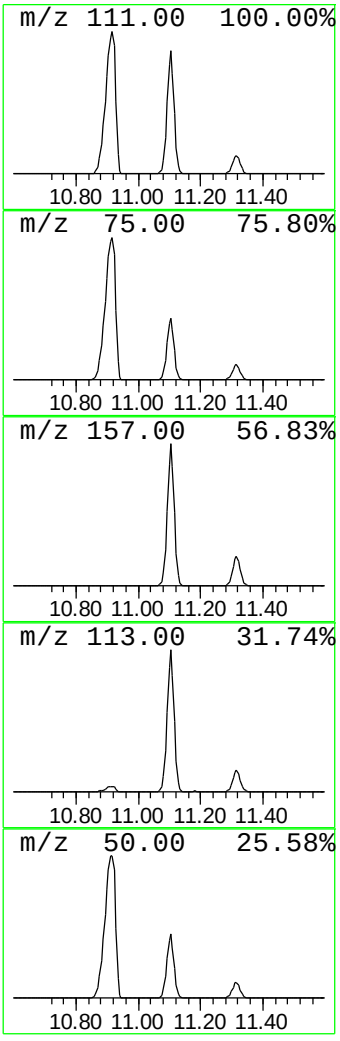
****

Peak Number 10 Benzene, 1-chloro-3-nitro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	46.08 ng/ul	5449640	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	98
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	97
3	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	96
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092118\
Data File : BM016826.D
Acq On : 21 Sep 2018 11:30
Operator : SJ/JU
Sample : J5012-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

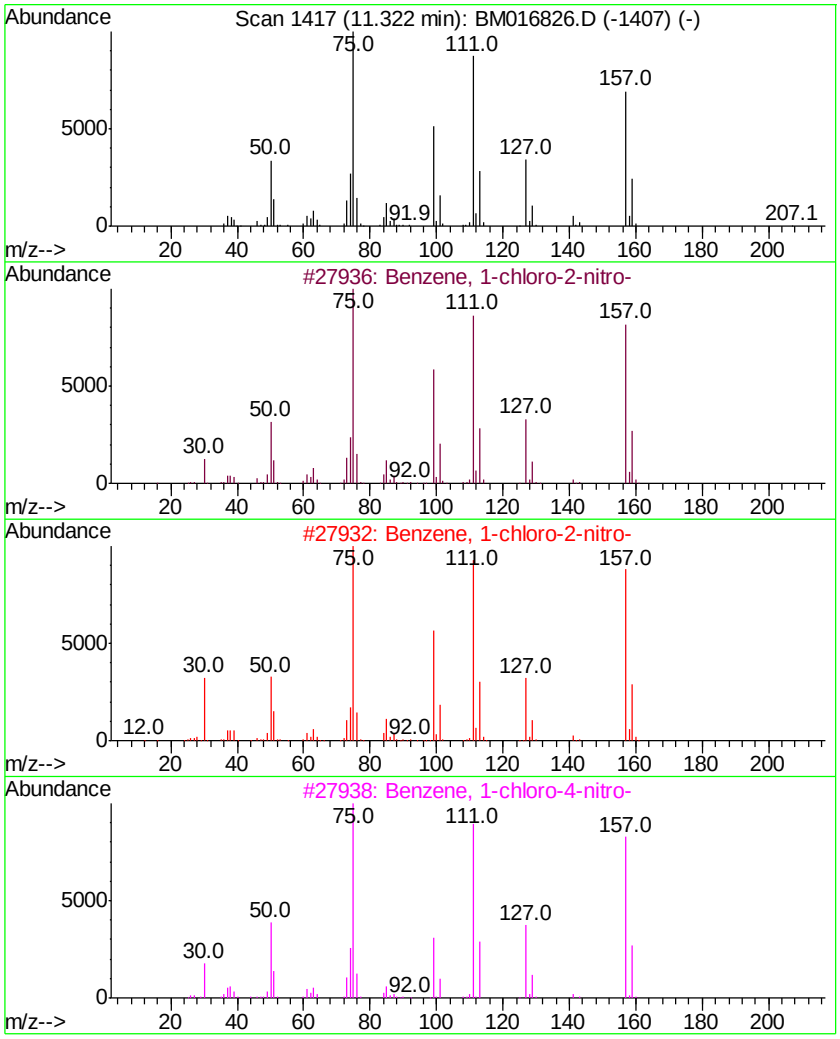
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

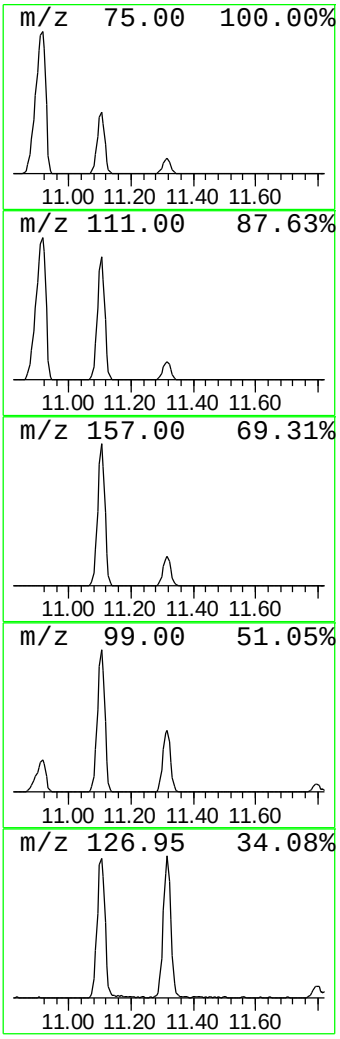
****

Peak Number 11 Benzene, 1-chloro-2-nitro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	11.91 ng/ul	1408020	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	99
2	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	98
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	98
4	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	97





Library Search Compound Report

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Data File : BM016826.D
Acq On : 21 Sep 2018 11:30
Operator : SJ/JU
Sample : J5012-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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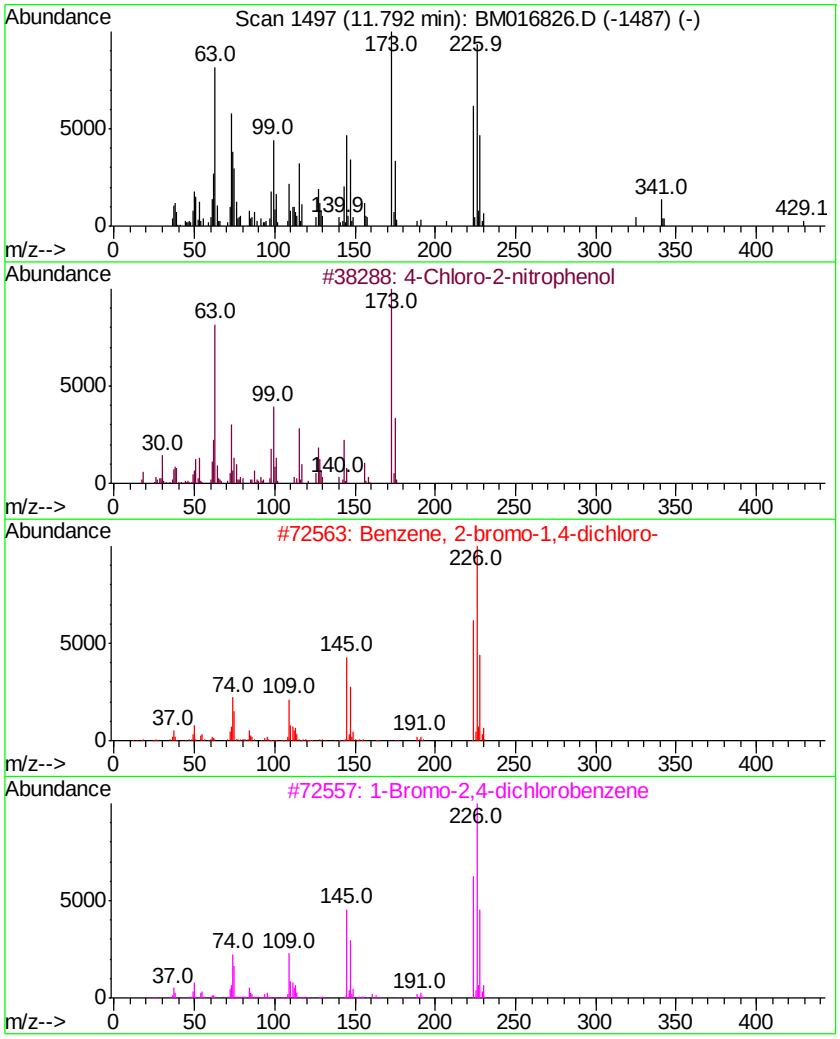
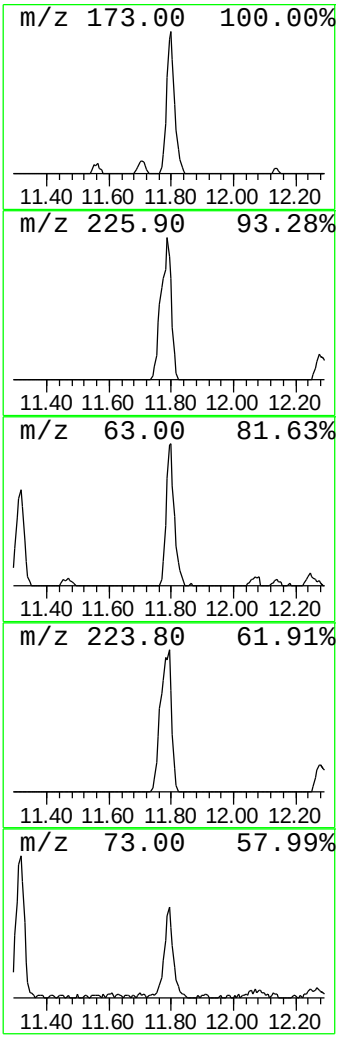
Peak Number 12 4-Chloro-2-nitrophenol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	4.40 ng/ul	520079	Naphthalene-d8	10.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	99
2	Benzene, 2-bromo-1,4-dichloro-	224	C6H3BrCl2	001435-50-3	91
3	1-Bromo-2,4-dichlorobenzene	224	C6H3BrCl2	001193-72-2	91
4	Benzene, 4-bromo-1,2-dichloro-	224	C6H3BrCl2	018282-59-2	91
5	Benzene, 1-bromo-2,6-dichloro-	224	C6H3BrCl2	019393-92-1	90





Library Search Compound Report

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Data File : BM016826.D
Acq On : 21 Sep 2018 11:30
Operator : SJ/JU
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

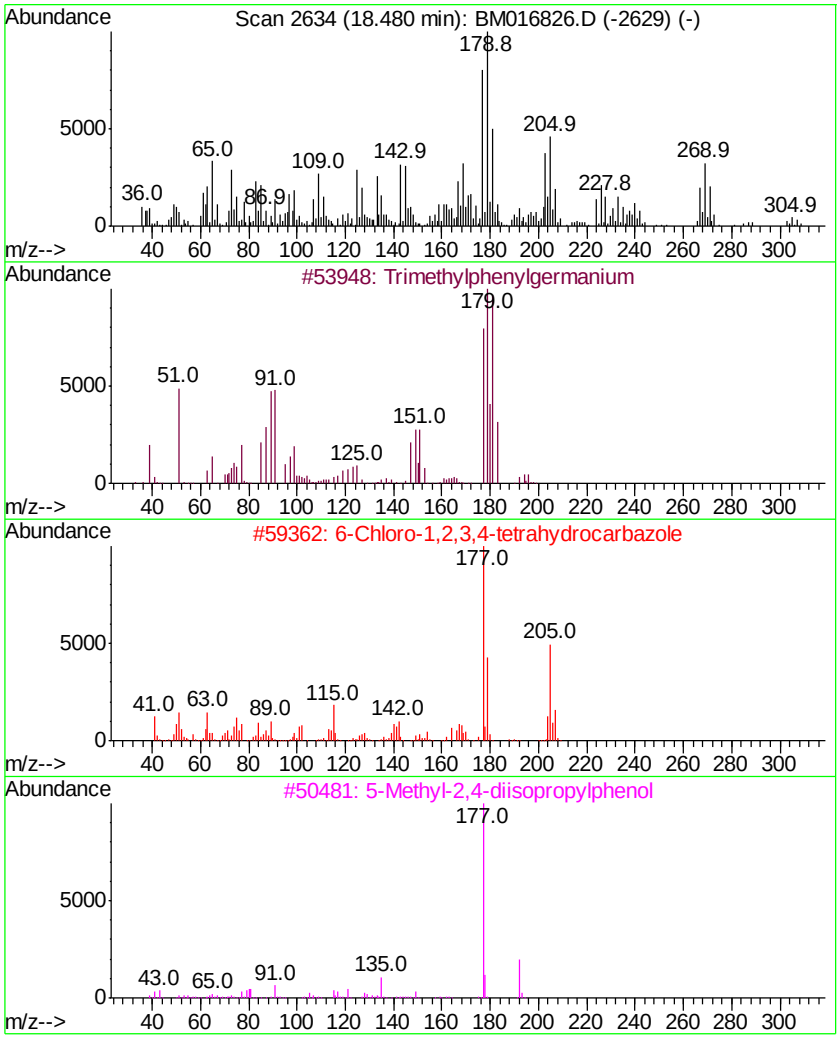
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

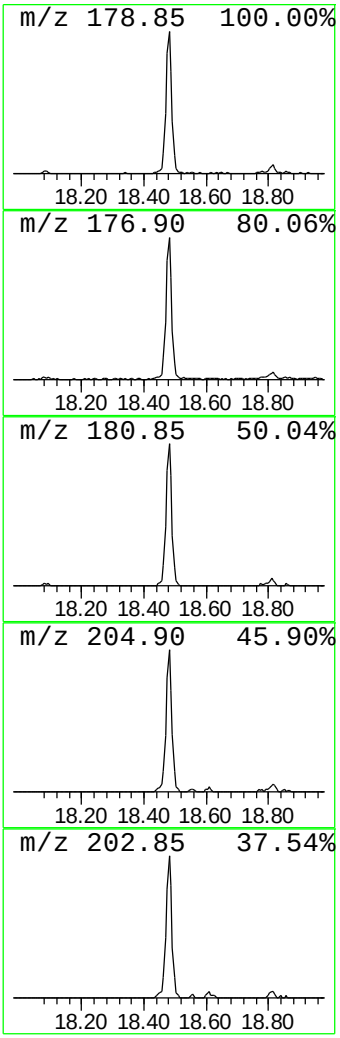
****

Peak Number 13 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.48	7.30 ng/ul	1256800	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trimethylphenylgermanium	196	C9H14Ge	001626-00-2	35
2	6-Chloro-1,2,3,4-tetrahydrocarba...	205	C12H12ClN	036684-65-8	30
3	5-Methyl-2,4-diisopropylphenol	192	C13H20O	040625-96-5	25
4	2,4,6-Trifluoronitrobenzene	177	C6H2F3NO2	000315-14-0	18
5	4-Chloro-3-quinolinol	179	C9H6ClNO	032435-60-2	14





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM092118\
Data File : BM016826.D
Acq On : 21 Sep 2018 11:30
Operator : SJ/JU
Sample : J5012-10
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08N2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1-bromo-...	9.21	17.6	ng/ul	2082310	2	10.52	2365220	20.0
Benzene, 1,2-dich...	9.44	2.9	ng/ul	337011	2	10.52	2365220	20.0
Benzene, 1-bromo-...	9.52	12.5	ng/ul	1473640	2	10.52	2365220	20.0
Benzene, 1-chloro...	11.10	46.1	ng/ul	5449640	2	10.52	2365220	20.0
Benzene, 1-chloro...	11.32	11.9	ng/ul	1408020	2	10.52	2365220	20.0
4-Chloro-2-nitrop...	11.79	4.4	ng/ul	520079	2	10.52	2365220	20.0
unknown-01	18.48	7.3	ng/ul	1256800	4	17.10	3442780	20.0